

WEB DEVELOPMENT

BE-OP

PROJECTS: OP-WEBTOOLS

- ▶ Piquet - development
- ▶ Machine Checkout - development
- ▶ TI Logbook - maintenance
- ▶ PS Irrad Beam Position Monitors - maintenance

BACKEND – WHY PHP?

- + IT managed dedicated server
- + SSO Authentication
- + Easy ORACLE (TN “trusted”)

- IIS not optimised for PHP
- Web.config
- Persistent connection to ORACLE not working
- SSO Cookies management

FRONTEND

- ▶ Angular 1.5 (no components)
- ▶ JavaScript - ES6/ES2015
- ▶ Lodash
- ▶ Toastr notifications
- ▶ Highcharts
- ▶ Fullcalendar
- ▶ Momentsjs

FRONTEND UI

- ▶ Bootstrap
- ▶ Semantic UI
- ▶ Angular Material

TOOLS

- ▶ JIRA
- ▶ GIT/GITLAB
- ▶ NODEJS + NPM
- ▶ GULP
- ▶ ATOM/EMACS

API DOCUMENTATION - SWAGGER

- ▶ Online WYSIWYG editor with validation
- ▶ YAML markup language
- ▶ Open and Free
- ▶ Interactive API

DEMO

QUESTIONS?